

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20030114203"	US-PGPUB	OR	OFF	2005/10/10 19:19
S2	184	battery adj connector	US-PGPUB	OR	OFF	2004/10/28 11:33
S3	0	(battery adj connector) near5 (power and (PCB or (printer adj circuit adj board)))	US-PGPUB	OR	OFF	2004/10/28 11:35
S4	2	(battery adj connector) near20 (power and (PCB or (printer adj circuit adj board)))	US-PGPUB	OR	OFF	2004/10/28 11:37
S5	2	(battery adj connector) near20 (power and PCB)	US-PGPUB	OR	OFF	2004/10/28 11:37
S6	0	"20030216073".URPN.	USPAT	OR	OFF	2004/10/28 11:37
S7	5	"6068519"	USPAT	OR	OFF	2004/10/28 12:56
S8	1	"6695628"	USPAT	OR	OFF	2004/10/28 12:57
S9	7	"5518424"	USPAT	OR	OFF	2004/10/28 12:57
S10	15	"6463263"	USPAT	OR	OFF	2004/10/28 12:57
S11	4962	plunger near2 housing	USPAT	OR	OFF	2004/10/28 13:10
S12	4	(plunger near2 housing) and (battery adj connector)	USPAT	OR	OFF	2004/10/28 13:10
S13	7	("5518424"   "5885090"   "6022248"   "6113440"   "6116956"   "6302727"   "6454607").PN.	USPAT	OR	OFF	2004/10/28 13:58
S14	122	(Battery adj connector) and (electrical adj connector)	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:10
S15	17	(Battery adj connector) and (electrical adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:21
S16	0	"20030216073".URPN.	USPAT	OR	OFF	2004/10/28 14:21
S17	114	(Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:28
S18	4	((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))) and elastic	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:23
S19	69	((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))) and base	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:26
S20	29	((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))) and base) and cover	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:27

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S21	29	(((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and contact	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:27
S22	51454	base near10 cylindrical	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:27
S23	6	(((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and contact) and (base near10 cylindrical)	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:28
S24	6	(((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and contact) and (base near10 cylindrical)) and spring	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:28
S25	1	((((((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and contact) and (base near10 cylindrical)) and spring) and (((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and PCB)	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:28
S26	2	(((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and contact) and (((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and PCB)	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:29
S27	2	(((((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and base) and cover) and (((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device)))) and PCB)	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:29
S28	12	((Battery adj connector) and ((mobile cell\$4 wireless) adj (phone telephone device))) and PCB	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:34
S29	6	("5108317"   "6019644"   "6027381"   "6102748"   "6368158"   "6371817").PN.	USPAT	OR	OFF	2004/10/28 14:32
S30	14	"6,113,440"	US-PGPUB; USPAT	OR	OFF	2004/10/28 14:34
S31	4	"6113440" "5891591" "20020106932"	US-PGPUB	OR	OFF	2004/10/28 15:42

## EAST Search History

S32	96	(Cylindrical near5 plunger) and (battery or electrical) adj connector	USPAT	OR	OFF	2004/10/28 15:49
S33	74	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing	USPAT	OR	OFF	2004/10/28 15:48
S34	2	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing) and (base near2 cover)	USPAT	OR	OFF	2004/10/28 15:48
S35	2	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing) and (base near2 cover)	US-PGPUB; USPAT	OR	OFF	2004/10/28 15:48
S36	112	(Cylindrical near5 plunger) and (battery or electrical) adj connector	US-PGPUB; USPAT	OR	OFF	2004/10/28 15:49
S37	85	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing	US-PGPUB; USPAT	OR	OFF	2004/10/28 15:49
S38	0	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing) and (bas near3cover)	US-PGPUB; USPAT	OR	OFF	2004/10/28 15:50
S39	3	((Cylindrical near5 plunger) and (battery or electrical) adj connector) and housing) and (base near3 cover)	US-PGPUB; USPAT	OR	OFF	2004/10/28 15:50
S40	16	"6113440" "5891591"	USPAT	OR	OFF	2004/10/28 16:12
S41	25	((battery adj connector) or (electrical adj connector)) and ((mobile or wireless or cellular) adj (phone or telephone or device)) and (solder\$4) and cylindrical	US-PGPUB	OR	OFF	2004/10/28 17:51
S42	64	((battery adj connector) or (electrical adj connector)) and ((mobile or wireless or cellular) adj (phone or telephone or device)) and (solder\$4) and cylindrical	US-PGPUB; USPAT	OR	OFF	2004/10/28 18:03
S43	0	"20030123232".URPN.	USPAT	OR	OFF	2004/10/28 17:54
S44	1	"6776626"	US-PGPUB; USPAT	OR	OFF	2004/10/28 18:05
S45	8	("5541398"   "5747786"   "6171138"   "6350133"   "6461193"   "6468101"   "6497368"   "6511329").PN.	USPAT	OR	OFF	2004/10/28 18:04
S46	2	"6700784"	US-PGPUB; USPAT	OR	OFF	2004/10/28 18:08

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S47	1	"6364668"	US-PGPUB; USPAT	OR	OFF	2004/10/28 18:08
S48	3	("5978210"   "5995373"   "6011699").PN.	USPAT	OR	OFF	2004/10/28 18:09
S49	39	(battery adj terminal) and (base adj cover)	US-PGPUB; USPAT	OR	OFF	2004/10/29 08:47
S50	1	((battery adj terminal) and (base adj cover)) and (circuit adj board) and ((mobile or wireless or portable or cell\$4) adj (phone or telephone))	US-PGPUB; USPAT	OR	OFF	2004/10/29 08:49
S51	1	((battery adj terminal) and (base adj cover)) and (circuit adj board) and (phone or telephone)	US-PGPUB; USPAT	OR	OFF	2004/10/29 08:49
S52	1	((battery adj terminal) and (base adj cover)) and (circuit adj board) and (phone or telephone)	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2004/10/29 08:49
S53	0	((battery adj connector) and (electrical adj connector)) and ((mobile or portable) adj (phone or telephone or device)) and ((base near2 cover) near6 contact)	US-PGPUB; USPAT	OR	OFF	2004/10/29 13:36
S54	14	((battery adj connector) and (electrical adj connector)) and ((mobile or portable) adj (phone or telephone or device))	US-PGPUB; USPAT	OR	OFF	2004/10/29 13:36
S55	19	"6049192"	USPAT	OR	OFF	2005/10/07 15:15
S56	1264	455/572 455/573	US-PGPUB; USPAT	OR	OFF	2005/10/07 16:12
S57	6	S56 and (connector same PCB)	US-PGPUB; USPAT	OR	OFF	2005/10/07 16:14
S58	137	S56 and (battery with connector)	US-PGPUB; USPAT	OR	OFF	2005/10/07 16:15
S59	29	(battery adj (connector charger)) same plunger	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:43
S60	2	(battery adj (connector charger)) same plunger with coil	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:43
S61	16	(battery adj (connector charger)) same plunger with spring	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:45
S62	1325	(connector charger) same plunger with spring	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:45
S63	1304	(connector charger) same plunger near25 spring	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:45

## EAST Search History

S64	297	S63 and (coil adj spring)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:45
S65	12	S64 and ((phone telephone terminal device station) near1 (mobile wireless cell\$4 portable ))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/07 16:48
S66	0	(battery connector) with plunger\$1 with spring\$1 and ((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station))	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:06
S67	25	(battery connector) with plunger\$1 with spring\$1 and ((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station))	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:09
S68	74	(batter\$1 connector\$1) same (plunger\$1 and spring\$1) and ((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station))	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:13
S69	12	(batter\$1 connector\$1) same (plunger\$1 and spring\$1) same ((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station))	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:10
S70	12	(batter\$1 connector\$1) same (plungers and spring\$1) and ((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station))	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:14
S71	8566	((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station)) with (connector\$1 or batter\$3)	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:14
S72	12	((cell\$4 mbile wireless portable handheld) adj (phone telephone device terminal station)) with (connector\$1 or batter\$3) same plunger	US-PGPUB; USPAT	OR	OFF	2005/10/10 14:14
S73	1	"5727954".PN.	USPAT; USOCR	OR	OFF	2005/10/10 14:17
S74	1	"5395254".PN.	USPAT; USOCR	OR	OFF	2005/10/10 14:18
S75	482	455/572 439/700 439/660 439/701	US-PGPUB	OR	OFF	2005/10/10 19:20